

We Claim:

1. (Previously presented) A hand-held device comprising:
a circuit board;
a processor means attached to said circuit board;
a movement sensing means for sensing movements of the device in more than one plane of motion wherein the movement sensing means contains a single accelerometer chip, having one force sensitive axis, mounted at a non-perpendicular angle with respect to the circuit board.
2. (Original) A hand held device as recited in claim 1 wherein the device is a personal digital assistant (PDA).
3. (Previously presented) A hand held device as recited in claim 1 wherein the movements sensed by the movement sensing means are used to control a display.
4. (Previously presented) A hand held device as recited in claim 1 wherein the non-perpendicular angle between the single accelerometer chip and the circuit board is around 19 degrees.
5. (Previously presented) A hand held device as recited in claim 1 further comprising a display, wherein motion of said hand held device controls an orientation of an object viewed on said display.
6. (Cancelled)
7. (Withdrawn) A method as recited in claim 24 wherein the angle is around 19 degrees.
8. (Previously presented) A device as recited in claim 22 wherein the accelerometer chip senses acceleration in a plurality of non-parallel planes of motion.

9. (Withdrawn) A method as recited in claim 24 further comprising separating a control of an object viewer from a sensed movement of a display device, wherein said display device includes said circuit board.

10-13. (Cancelled)

14. (Withdrawn) A method as recited in claim 24 wherein the accelerometer chip produces signals used to control an electrical device.

15. (Withdrawn) A method as recited in claim 14 wherein the device is a hand-held computer.

16. (Withdrawn) A hand-held device comprising; a circuit board that contains a slanted surface; and an accelerometer chip mounted on said slanted surface.

17. (Withdrawn) A hand-held device as in claim 16 wherein the slanted surface allows components of motion to be detected in more than one plane.

18. (Withdrawn) A hand-held device as in claim 16, wherein the device is a hand-held personal digital assistant (PDA).

19. (Cancelled)

20. (Withdrawn) A hand-held device as recited in claim 16 wherein the hand-held device has handwriting recognition capability.

21. (Withdrawn) A hand-held device as recited in claim 16 wherein the slanted surface is a first slanted surface, further comprising:

a second slanted surface wherein an accelerometer is mounted to the second slanted surface.

22. (Previously presented) A device comprising:
a circuit board; and
a single accelerometer mounted to the circuit board at non-perpendicular angles with respect to each of X, Y, and Z axes;
wherein the single accelerometer senses motion in X, Y, and Z directions.
23. (Previously presented) The device of claim 22 wherein the angles are such as to reduce a footprint of the device in a direction perpendicular to the circuit board.
24. (Withdrawn) A method comprising:
providing a circuit board; and
mounting a single accelerometer chip on the circuit board at an angle, said accelerometer chip having one force sensitive axis;
wherein said angle is acute;
wherein the accelerometer chip senses movements in more than one plane of motion.